* Some of the contents of this manual may differ from your phone, depending on the software installed or your service provider.

World Wide Web
http://www.samsungmobile.com

Printed in Korea
Code No.:GH68-06752A
English. 03/2005. Rev 1.0

SGH-X480
User's Guide

Important safety **precautions**

☑ Failure to comply with the following precautions may be dangerous or illegal.

Use road safety at all times

Do not use a hand-held phone while driving. Park the vehicle first.

Switch off the phone when refuelling

Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

Switch off in an aircraft

Wireless phones can cause interference. Using them in an aircraft is both illegal and dangerous.

Switch off the phone near all medical equipment

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

Interference

All wireless phones may be subject to interference, which could affect their performance.

Be aware of special regulations

Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

Water resistance

Your phone is not water-resistant. Keep it dry.

Sensible use

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Emergency call

Key in the emergency number for your present location, then press [ ].

Keep your phone away from small children

Keep the phone and all its parts, including accessories, out of the reach of small children.

Accessories and batteries

Use only Samsung-approved accessories and batteries. Use of any unauthorised accessories could damage your phone and may be dangerous.

- The phone could explode if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions.

Qualified service

Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and safety information" on page 71.

About this Guide

This User's Guide provides you with condensed information about how to use your phone. To quickly learn the basics for your phone, please refer to "Getting started and Step outside the phone."

In this guide, the following instruction icons appear:

☑	Indicates that you need to pay careful attention to the subsequent information regarding safety or phone features.
▶	Indicates that you can get more information on the referenced page.
→	Indicates that you need to press the Navigation keys to scroll to the specified option and then select it.
[*key name*]	Indicates a key on the phone. For example, [*i*]
<*soft key*>	Indicates a soft key, whose function is displayed on the phone screen. For example, <**Menu**>

Special features of your phone

- **Tri-band operation**
  Use your phone in worldwide GSM networks, in any of 900, 1800, and 1900 bands.

- **Simple, compact design with Intenna**
  Samsung's powerful intenna technology allows the best call quality without an annoying external antenna.

- **7 Indian local languages**
  See your own language (Hindi, Marathi, Tamil, Bengali, Punjabi, Kannada, and Gujarati) on your phone and enter the Indian text on SMS/ MMS messages.

- **WAP browser**
  Access the wireless web and access various services and up-to-the-minute information.

- **Phonebook**
  Store up to 2000 contact numbers.

- **Multimedia Message Service (MMS)**
  Send and receive MMS messages with a combination of text, images, and sounds.

- **Melody composer**
  Create your own melodies and set them as your call ringer.

- **Calendar and To do list**
  Keep track of your daily, weekly, and monthly schedules and tasks.

- **Voice recorder**
  Record memos or sounds.

- **Java**
  Enjoy Java™-based embedded games and download new games.

Contents

Unpack 6

Make sure you have each item

Your phone 6

Buttons, features, and locations

Get started 7

First steps to operate your phone

Install and charge the phone 7
Power on or off 8
Keys and display 9
Access menu functions 11
Customise your phone 12
Make/answer calls 13

Step outside the phone 13

Begin with your WAP, melody composer, messages, and other special features

Browse WAP 13
Use Phonebook 14
Send messages 14
View messages 15
Compose your melody 16

Enter text 17

Neopad Indian, ABC, T9, Number, and Symbol modes

Call functions 34

Advanced calling features

Menu functions 38

All menu options listed

Solve problems 69

Health and safety information 71

Index 77

Overview of menu functions

To access Menu mode, press <**Menu**> in Idle mode.

1 SIM AT ▸ p. 38

2 Call records ▸ p. 38

1 Missed calls ▸ p. 39
2 Received calls ▸ p. 39
3 Dialled calls ▸ p. 39
4 Delete all ▸ p. 39
5 Call time ▸ p. 39
6 Call costs* ▸ p. 39

3 Network services ▸ p. 40

1 Call diverting ▸ p. 40
2 Call barring ▸ p. 40
3 Call waiting ▸ p. 41
4 Network selection ▸ p. 41
5 Caller ID ▸ p. 42
6 Closed user group ▸ p. 42
7 Band selection ▸ p. 42

4 Sound settings ▸ p. 43

1 Ring tone ▸ p. 43
2 Ring volume ▸ p. 43
3 Alert type ▸ p. 43
4 Keypad tone ▸ p. 43
5 Message tone ▸ p. 43
6 Folder tone ▸ p. 44
7 Power on/off ▸ p. 44
8 Alert on call ▸ p. 44
9 Extra tones ▸ p. 44

5 Messages ▸ p. 44

1 Text messages ▸ p. 45
2 Multimedia messages ▸ p. 47
3 Push messages ▸ p. 51
4 Delete all ▸ p. 51
5 Voice mail ▸ p. 51
6 Broadcast messages ▸ p. 51
7 Memory status ▸ p. 52

6 Funbox ▸ p. 52

1 WAP browser ▸ p. 52
2 Games ▸ p. 55
3 Sounds ▸ p. 55
4 Images ▸ p. 55
5 Delete all ▸ p. 56
6 Memory status ▸ p. 56
7 Melody composer ▸ p. 56

7 Organiser ▸ p. 58

1 Alarm ▸ p. 58
2 Calendar ▸ p. 58
3 Time & date ▸ p. 59
4 Calculator ▸ p. 60
5 To do list ▸ p. 60
6 Voice memo ▸ p. 61
7 Currency exchange ▸ p. 62

8 Phonebook ▸ p. 62

1 Search ▸ p. 62
2 Add entry ▸ p. 63
3 Group search ▸ p. 63
4 Group edit ▸ p. 63
5 Speed dial list ▸ p. 64
6 Delete all ▸ p. 64
7 Memory status ▸ p. 64
8 SDN* ▸ p. 64

9 Phone settings ▸ p. 65

1 Display settings ▸ p. 65
2 Greeting message ▸ p. 66
3 Own number ▸ p. 66
4 Language ▸ p. 66
5 Security ▸ p. 66
6 Extra settings ▸ p. 67
7 Short cut ▸ p. 68
8 Reset settings ▸ p. 68

*Shows only if supported by your SIM card.

Unpack

Make sure you have each item

Phone

Travel adapter

Battery

User's manual

You can obtain various accessories from your local Samsung dealer.

The items supplied with your phone and the accessories at your Samsung dealer may vary, depending on your country or service provider.

Your phone

Buttons, features, and locations

Get started

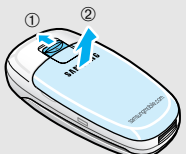
First steps to operate your phone

SIM card information

When you subscribe to a cellular network, you receive a plug-in SIM (Subscriber Identity Module) card loaded with your subscription details, such as your PIN, and available optional services.

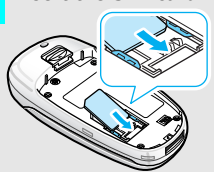
Install and charge the phone

1 Remove the battery.



☑ If the phone is already on, first turn it off by holding [ ].

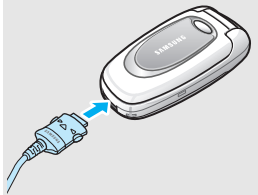
2 Insert the SIM card.



☑ Make sure that the gold-coloured contacts on the card face down into the phone.

3 Install the battery.

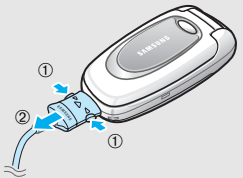
4 Plug the travel adapter into the phone.



5 Plug the adapter into a standard AC wall outlet.

6 When the phone is completely charged (the battery icon stops blinking), unplug the adapter from the power outlet.

7 Remove the adapter from the phone.



Low battery indicator

When the battery is low:

- a warning tone sounds,
- the battery low message displays, and
- the empty battery icon [ ] blinks.

If the battery level becomes too low, the phone automatically turns off. Recharge your battery.

Power on or off

Power on Do not turn on the phone when mobile phone use is prohibited.	1. Open the phone. 2. Press and hold [ ] to turn on the phone. 3. If necessary, enter the PIN and press <**OK**>.
Power off	1. Open the phone. 2. Press and hold [ ].

Keys and display

Key(s)	Description
	Performs the function indicated on the bottom line of the display.
	In Idle mode, access the following menus respectively. • Up/Down: your favourite menu option ▸ p. 68 • Left: **Text messages** • Right: **Ring tone** In Menu mode, scroll through the menu options.
	In Idle mode, launches the Wireless Application Protocol (WAP) browser. In Menu mode, selects the highlighted menu option.
	Sends or answers a call. In Idle mode, retrieves the last number dialled, missed, or received.

Key(s)	Description
	Deletes characters from the display. In Menu mode, returns to the previous menu level.
	Ends a call. Hold down to switch the phone on and off. In Menu mode, cancels input and returns the phone to Idle mode.
	Enter numbers, letters, and some special characters. In Idle mode, hold [**1**] down to access your voicemail.
	Enter special characters. In Idle mode, hold [#] down to activate or deactivate Silent mode.
 (on the left)	Adjust the volume of various sounds for the phone. In Idle mode, adjust the keypad tone volume. In Menu mode, scroll through menu options.

Display

Layout

The display has the three areas.

Icons
displays various icons.

Text and graphics
displays messages, instructions, and information you enter.

Soft key function indicators
shows the current functions assigned to the two soft keys.

Icons

- Received signal strength
- Call in progress
- Out of your service area; you cannot send or receive calls
- Call diverting feature is active ▶ p. 40
- GPRS network
- Roaming

Icons (continued)

- New text message
- New voicemail message
- New multimedia message
- Alarm set
- Mute mode is active ▶ p. 36
- Active Silent mode or call ringer set to vibrate ▶ p. 12, p. 43
- Battery power level

Access menu functions

Use the soft keys	The roles of the soft keys vary depending on the function you are using. The bottom line of the display indicates their current role. Press the left soft key to access **Menu** mode. Press the right soft key to access the **Phonebook** menu.

Select an option	1. Press the appropriate soft key. 2. Press the Navigation keys to move to the next or previous option. 3. Press <**Select**> or [*i*] to confirm the function displayed or option highlighted. 4. To exit, choose either of the following methods: • Press <↺> or [**C**] to move up one level. • Press [ ] to return to Idle mode.
Use shortcuts	Press the number key corresponding to the option you want.

Customise your phone

Display language

1. In Idle mode, press <**Menu**> and select **Phone settings** → **Language**.
2. Select a language.

Call ringer melody

1. In Idle mode, press <**Menu**> and select **Sound settings** → **Ring tone**.
2. Select a ringer melody.

Idle mode wallpaper

You can set a wallpaper for the idle screen.

1. In Idle mode, press <**Menu**> and select **Phone settings** → **Display settings** → **Wallpaper** → **Wallpaper list**.
2. Select an image.
3. Scroll to the image you want.
4. Press <**Select**>.

Switch to Silent mode

You can switch the phone to Silent mode to avoid disturbing other people with your phone sounds.

Press and hold [#] in Idle mode.

Phone lock

You can protect the phone against unauthorised use with a phone password.

1. In Idle mode, press <**Menu**> and select **Phone settings** → **Security** → **Change password**.
2. Enter the default password, "00000000" and press <**OK**>.
3. Enter a new 4- to 8- digit password and press <**OK**>.
4. Enter the new password again and press <**OK**>.

Phone lock (continued)	5. Select **Phone lock**. 6. Select **Enable**. 7. Enter the password and press <**OK**>.

Make/answer calls

Make a call	1. Enter an area code and phone number. 2. Press [ ]. 3. To end the call, press [ ].
Answer a call	1. When the phone is ringing, press [ ]. 2. To end the call, press [ ].
Adjust the volume during a call	Press [▲/▼].

Step outside the phone

Begin with your WAP, melody composer, messages, and other special features

Browse WAP

Using a built-in WAP (Wireless Access Protocol) browser, you can get easy access to the wireless web to receive a variety of updated services and information and to enjoy download of web contents.

Launch the browser	In Idle mode, press [ ].
Navigate the browser	• To access browser options, press <**Menu**>. • To scroll through browser items, press [Up] or [Down]. • To select an item, press [ ]. • To return to the previous page, press [**C**]. • To return to the homepage, press <**Menu**> and select **Home**.

Use Phonebook

Add an entry

To the phone's memory

1. In Idle mode, enter a phone number and press <**Save**>.
2. Select a number type.
3. Select **Phone**.
4. Enter a name and press <**OK**>.
5. Press <**OK**> to save the entry.

To the SIM card

1. In Idle mode, enter a phone number and press <**Save**>.
2. Select a number type.
3. Select **SIM**.
4. Enter a name and press <**OK**>.
5. Press <**OK**> to save the entry.

Find an entry

1. In Idle mode, press <**Phonebook**> and select **Search**.
2. Select an entry.
3. Select a number.
4. Press [↷] to dial, or <**Options**> to access options.

Send messages

Send a text message (SMS)

1. In Idle mode, press <**Menu**> and select **Messages** → **Text messages** → **Create**.
2. Enter the message text.
3. Press <**Options**> and select **Save and send** or **Send only**.
4. If you selected **Save and send**, select a memory location.
5. Enter a destination number and press <**OK**>.

Send a multimedia message (MMS)

1. In Idle mode, press <**Menu**> and select **Messages** → **Multimedia messages** → **Create**.
2. Enter the message subject press <**Next**>.
3. Select **Add here** and add message contents.
4. When you finish, press <**Options**> and select **Send**.
5. Select a destination type.
6. Select one of **Phone number**, **E-mail**, or **Phone book**.
7. Enter a destination number or an e-mail address, or select from Phonebook and press <**OK**>.

Send a multimedia message (MMS) (continued)

8. To add other destinations, select **Add destination** and repeat from step 6.
9. To add destinations of other types, press <⟳> and repeat from step 5.
10. When you finish, select **Send message**.

View messages

View a text message

When a notification appears:

Press <**View**>. The message displays.

From the Inbox:

1. In Idle mode, press <**Menu**> and select **Messages** → **Text messages** → **Inbox**.
2. Select a message.

View a multimedia message

When a notification appears:

1. Press <**View**>.
2. Press <**Options**> and select **Retrieve**. The message displays.

From the Inbox:

1. In Idle mode, press <**Menu**> and select **Messages** → **Multimedia messages** → **Inbox**.
2. Select a message.

Compose your melody

Create a melody

1. In Idle mode, press <**Menu**> and select **Funbox** → **Melody composer** → **Compose melody**.
2. Move the selection point up or down by pressing [Up] or [Down].

Create a melody (continued)

3. Select a note or rest and press <**Select**>.
4. Repeat steps 1 to 3 to add more notes and rests.
5. When you have finished, press <**Options**> and select **Save**.
6. Enter a melody name and press <**OK**>.

Playing a melody

1. In Idle mode, press <**Menu**> and select **Funbox** → **Melody composer** → **Compose melody**.
2. Press <**Options**> and select **Open**.
3. Select the melody you want and press <**Open**>.
4. Press <**Options**> and select **Play**.

Enter text

Neopad Indian, ABC, T9, Number, and Symbol modes

You can enter text for some features such as messaging, Phonebook, or Organiser, using Neopad Indian mode, ABC mode, T9 mode, Number mode, and Symbol mode.

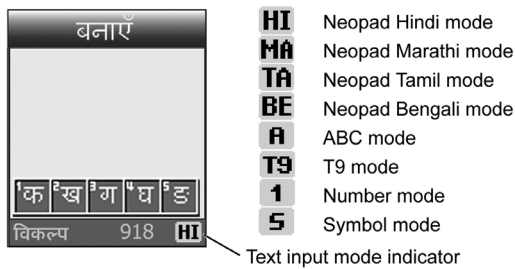
Your phone allows you to enter Indian (Hindi, Tamil, Marathi, and Bengali) words with virtual keypad which gives the user option to select one of five letters assigned on keys easily and user friendly features like built-in dictionary stored over 13,000 each of Indian languages for everyday use. You can also select Punjabi / Kannada / Gujarati mode as the display language by selecting **Language** (**Menu 9.4**).

Changing the text input mode

The text input mode indicator displays when the cursor is in a text field.

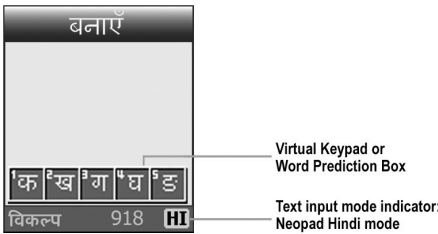
Press the right soft key to change another text input mode until the text input mode indicator you want displays. To change the text input language, press the <**Options**> and select **Language**.

Example: Writing a text message



Using Neopad Hindi mode

Example: Entering a message in New message box



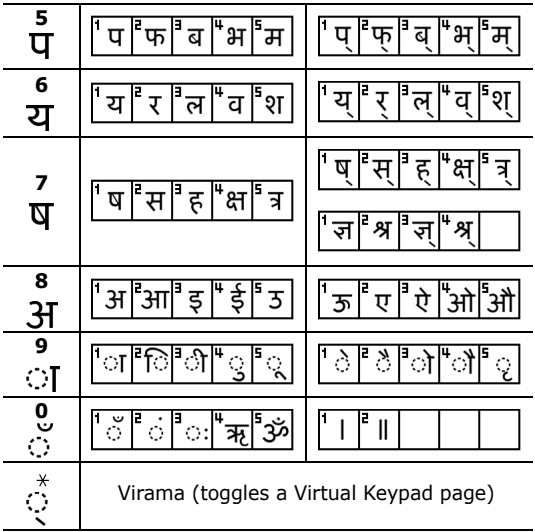
To type a character in the Neopad Hindi mode:

1. Press a corresponding key to access the Virtual Keypad that contains a character you want. The character will appear in the Virtual Keypad at the bottom of display.
2. Press the corresponding key 1 to 5 to input a character, or press [⁎] to toggle a virtual keypad page to Virama.

☑ When you enter a character, you will see the predicted word on the Word Prediction Box at the bottom of display. Otherwise, repeat above steps to enter other characters.

List of the characters available in Hindi

Key	Charachters in the Order Displayed	
	Press the key	And press [⁎]
1 क	1क 2ख 3ग 4घ 5ङ	1क् 2ख् 3ग् 4घ् 5ङ्
2 च	1च 2छ 3ज 4झ 5ञ	1च् 2छ् 3ज् 4झ् 5ञ्
3 ट	1ट 2ठ 3ड 4ढ 5ण	1ट् 2ठ् 3ड् 4ढ् 5ण्
4 त	1त 2थ 3द 4ध 5न	1त् 2थ् 3द् 4ध् 5न्



Key 1~7: Consonants Groups

Key 8: Independent Vowels Group

Key 9: Dependent Vowels Group

Key 0: Signs & Symbols

Example: To enter **क्रम** (made up of half character), press the 1, *(Virama), 1, 5, and 5 keys.

Example: To enter **किए** (Writing order: **क** + ि + **ए**), press the 1, 1, 9, 2, 8, *(toggles the page), and 2 keys.

List of the combination of half and full formed consonant

क् + क = क्क	द् + द = द्द
क् + क् + क = क्क्क	त् + न = त्न
स् + थ् + य = स्थ्य	द् + ध = द्ध
स् + म् + थ् + क = स्म्थ्क	ध् + द = ध्द
ट् + र = ट्र	द् + य = द्य
ग् + र = ग्र	द् + म = द्म
र् + ग = र्ग	श् + च = श्च
त् + त = त्त	श् + र = श्र

To type a word using the linguistic dictionary (Forward Prediction):

1. Input the first character of the word you want to enter.
2. You will see the word starting with the first character you input at step 1 in the Word Prediction Box at the bottom of display.
3. If that word is correct, go to step 4. Otherwise, press [Up] or [Down] to display another words you want to enter on the Word Prediction Box.
4. Press [ ] to select it and go on to input the next word.

Example: To enter खिंचा(Writing order: ख + ि + ं + च + ा) using the linguistic dictionary,input ख first by press the 1, 2, 9, 2, 0, and 2 keys. You will see the desired word खिंचा in Word Prediction Box. Select the word by pressing [ ].

Example: To enter प्रकार(Writing order: प + ् + र + क + ा + र), press the 5, *(Virama), 1, 6, and 2 keys for "प्र." Then, you will see प्रकार in Word Prediction Box. Select the word by pressing [ ].

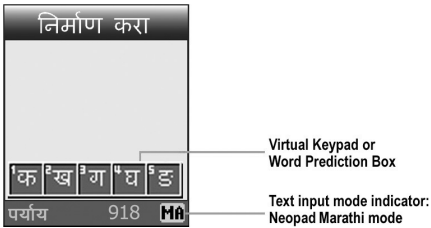
Example: To enter बहुत अच्छा (Writing order: ब + ह + ु + त + space + अ + च + ् + छ + ा) using the linguistic dictionary, first press the 5, 3, 7, and 3 keys and then you will see बहुत in Word Prediction Box. Select the word by pressing [ ]. Insert a space by pressing [#]. Press the 8, 1, 2, *(Virama), and 1 keys and then you will see अच्छा in Word Prediction Box. Select the word by pressing [ ].

UDB (User defined word Database for Hindi)

Every word you typed in Messages will be automatically stored in Hindi UDB. About 200 words can be stored in Hindi UDB. Every word in the UDB get arranged and updated by frequency of use and new words. To store a word in Hindi UDB, type a word and insert a space by pressing [#]. Then the word gets stored in Hindi UDB. After this, you will see this word in Word Prediction Box.

Using Neopad Marathi mode

Example: Entering a message in New message box



To type a character in the Neopad Marathi mode:

1. Press a corresponding key to access the Virtual Keypad that contains a character you want. The character will appear in the Virtual Keypad at the bottom of display.
2. Press the corresponding key 1 to 5 to input a character, or press [*] to toggle a virtual keypad page to Virama.

☑ When you enter a character, you will see the predicted word on the Word Prediction Box at the bottom of display. Otherwise, repeat above steps to enter other characters.

List of the characters available in Marathi

Key	Charachters in the Order Displayed	
	Press the key	And press [*]
1 क	१क २ख ३ग ४घ ५ङ	१क् २ख् ३ग् ४घ् ५ङ्
2 च	१च २छ ३ज ४झ ५ञ	१च् २छ् ३ज् ४झ् ५ञ्
3 ट	१ट २ठ ३ड ४ढ ५ण	१ट् २ठ् ३ड् ४ढ् ५ण्
4 त	१त २थ ३द ४ध ५न	१त् २थ् ३द् ४ध् ५न्
5 प	१प २फ ३ब ४भ ५म	१प् २फ् ३ब् ४भ् ५म्
6 य	१य २र ३ल ४व ५श	१य् २र् ३ल् ४व् ५श् १ऱ् २ळ ३ऴ ४ळ्

7 ष	1 ष 2 स 3 ह 4 क्ष 5 त्र	1 ष् 2 स् 3 ह् 4 क्ष् 5 त्र् 1 ज्ञ 2 श्र 3 ज्ञ् 4 श्र्
8 अ	1 अ 2 आ 3 इ 4 ई 5 उ	1 ऊ 2 ए 3 ऐ 4 ओ 5 औ 1 ऑ
9 ◌ा	1 ◌ा 2 ◌ि 3 ◌ी 4 ◌ु 5 ◌ू	1 ◌े 2 ◌ै 3 ◌ो 4 ◌ौ 5 ◌ृ 1 ◌ॅ 2 ◌ॉ
0 ◌	1 ◌ॅ 2 ◌ं 3 ◌ः 4 ऋ 5 ॐ	1 । 2 ॥
✳ ◌्	Virama (toggles a Virtual Keypad page)	

Key 1~7: Consonants Groups
Key 8: Independent Vowels Group
Key 9: Dependent Vowels Group
Key 0: Signs & Symbols

Example: To enter आदींची (Writing order: आ + द + ◌ी + ◌ं + च + ◌ी), press the 8, 2, 4, 3, 9, 3, 0, 2, 2, 1, 9, and 3 keys.

List of the combination of half and full formed consonant

क् + क = क्क	द् + द = द्द
क् + क् + क = क्क्क	त् + न = त्न
स् + थ् + य = स्थ्य	द् + ध = द्ध
स् + म् + थ् + क = स्म्थ्क	ध् + द = ध्द
ट् + र = ट्र	द् + य = द्य
ग् + र = ग्र	द् + म = द्म
र् + ग = र्ग	श् + च = श्च
त् + त = त्त	श् + र = श्र

To type a word using the linguistic dictionary (Forward Prediction):

1. Input the first character of the word you want to enter.
2. You will see the word starting with the first character you input at step 1 in the Word Prediction Box at the bottom of display.
3. If that word is correct, go to step 4. Otherwise, press [Up] or [Down] to display another words you want to enter on the Word Prediction Box.
4. Press [ℹ] to select it and go on to input the next word.

Example: To enter कळविले (Writing order: क + ळ + व + ि + ल + े) using the linguistic dictionary, first press the 1, 1, 6, ⁎(toggles the page), ⁎, 2, 6, 4, 9, and 2 keys. Then, you will see the desired word कळविले in Word Prediction Box. Select the word by pressing [ℹ].

Example: To enter क्रमांकावर (Writing order: क + ् + र + म + ां + क + ा + व + र) using the linguistic dictionary, press the 1, ⁎(Virama), 1, 6, 2, 5, 5, 9, 1, 0, 2, 1, and 1 keys. Then, you will see the desired word क्रमांकावर in Word Prediction Box. Select the word by pressing [ℹ].

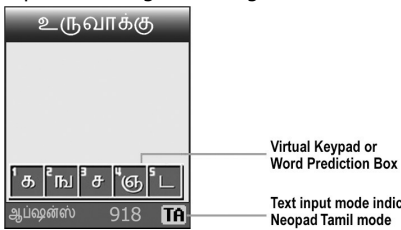
Example: To enter राष्ट्रीय (Writing order: र + ा + ष + ् + ट + ् + र + ी + य) using the linguistic dictionary, press the 6, 2, 9, 1, 7, ⁎(Virama), 1, 3, ⁎(Virama), 1, 6, and 2 keys. Then, you will see the desired word राष्ट्रीय in Word Prediction Box. Select the word by pressing [ℹ].

UDB (User defined word Database for Marathi)

Every word you typed in Messages will be automatically stored in Marathi UDB. About 200 words can be stored in Marathi UDB. Every word in the UDB get arranged and updated by frequency of use and new words. To store a word in Marathi UDB, type a word and insert a space by pressing [#]. Then the word gets stored in Marathi UDB. After this, you will see this word in Word Prediction Box.

Using Neopad Tamil mode

Example: Entering a message in New message box



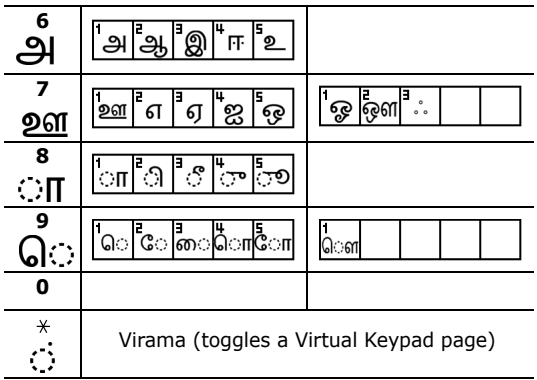
To type a character in the Neopad Tamil mode:

1. Press a corresponding key to access the Virtual Keypad that contains a character you want. The character will appear in the Virtual Keypad at the bottom of display.
2. Press the corresponding key 1 to 5 to input a character, or press [✳] to toggle a virtual keypad page to Virama.

☑ When you enter a character, you will see the predicted word on the Word Prediction Box at the bottom of display. Otherwise, repeat above steps to enter other characters.

List of the characters available in Tamil

Key	Charachters in the Order Displayed	
	Press the key	And press [✳]
1 க	1க 2ங 3ச 4ஞ 5ட	1க் 2ங் 3ச் 4ஞ் 5ட்
2 ண	1ண 2த 3ந 4ப 5ம	1ண் 2த் 3ந் 4ப் 5ம்
3 ய	1ய 2ர 3ல 4வ 5ழ	1ய் 2ர் 3ல் 4வ் 5ழ்
4 ள	1ள 2ற 3ன	1ள் 2ற் 3ன்
5 ஸ	1ஸ 2ஜ 3ஷ 4ஹ 5ஶ்ரீ	1ஸ் 2ஜ் 3ஷ் 4ஹ்



Key 1~4: Consonants Groups

Key 5: Grantha characters

Key 6~7: Independent Vowels Group & Ayudam

Key 8~9: Dependent Vowels Group

Example: To enter நன்றி (Writing order: ந + ன + ் + ற + ி), press the 2, 3, 4, *(Virama), 3, 4, 2, 8,and 2 keys.

Example: To enter இனிமேல் (Writing order: இ + ன + ி + ம + ே + ல + ்), press the 6, 3, 4,3, 8, 2, 2, 5, 9, 2, 3, *(Virama), and 3 keys.

List of the combination

க + ு = கு	த + ு = து	ல + ு = லு
க + ூ = கூ	த + ூ = தூ	ல + ூ = லூ
ங + ு = ஙு	ந + ு = நு	வ + ு = வு
ங + ூ = ஙூ	ந + ூ = நூ	வ + ூ = வூ
ச + ு = சு	ப + ு = பு	ழ + ு = ழு
ச + ூ = சூ	ப + ூ = பூ	ழ + ூ = ழூ
ஞ + ு = ஞு	ம + ு = மு	ள + ு = ளு
ஞ + ூ = ஞூ	ம + ூ = மூ	ள + ூ = ளூ
ட + ு = டு	ய + ு = யு	ற + ு = று
ட + ூ = டூ	ய + ூ = யூ	ற + ூ = றூ
ண + ு = ணு	ர + ு = ரு	ன + ு = னு
ண + ூ = ணூ	ர + ூ = ரூ	ன + ூ = னூ

ஸ + ா = ஸா
ஸ + ை = ஸை
ஜ + ா = ஜா
ஜ + ை = ஜை
ஷ + ா = ஷா
ஷ + ை = ஷை
ஹ + ா = ஹா
ஹ + ை = ஹை

க + ் + ஷ = க்ஷ
ஸ + ் + ர + ீ = ஸ்ரீ
க்ஷ + ெள = க்ஷௌ

To type a word using the linguistic dictionary (Forward Prediction):

1. Input the first character of the word you want to enter.
2. You will see the word starting with the first character you input at step 1 in the Word Prediction Box at the bottom of display.
3. If that word is correct, go to step 4. Otherwise, press [Up] or [Down] to display another words you want to enter on the Word Prediction Box.
4. Press [i] to select it and go on to input the next word.

Example: To enter எழுத்து(Writing order: எ + ழ + ு + த + ் + த + ு) using the linguistic dictionary, press the 7, 2, 3, 5, 8, 4, 2, ✳(Virama), and 2 keys. Then, you will see the desired word எழுத்து in Word Prediction Box. Select the word by pressing [i].

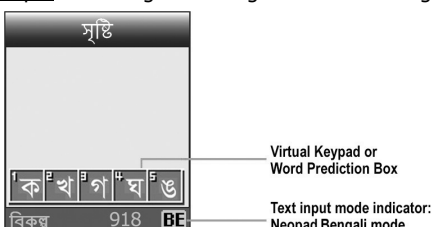
Example: To enter போய்விட்டு வாருங்கள் (Writing order: ப + ோ + ய + ் + வ + ி + ட + ் + ட + ு + space + வ + ா + ர + ு + ங + ் + க + ள + ்) using the linguistic dictionary, first press the 2, 4, 9, and 5 keys. Then, press the Up key to search the desired word போய்விட்டு in Word Prediction Box. Select the word by pressing [i]. Insert a space by pressing [#]. Press the 3, 4, 8, 1, 3, 2, 8, and 4 keys. Then, you will see the desired word வாருங்கள் in Word Prediction Box. Select the word by pressing [i].

UDB (User defined word Database for Tamil)

Every word you typed in Messages will be automatically stored in Tamil UDB. About 200 words can be stored in Tamil UDB. Every word in the UDB get arranged and updated by frequency of use and new words. To store a word in Tamil UDB,, type a word and insert a space by pressing [#]. Then the word gets stored in Tamil UDB. After this, you will see this word in Word Prediction Box.

Using Neopad Bengali mode

Example: Entering a message in New message box



To type a character in the Neopad Bengali mode:

1. Press a corresponding key to access the Virtual Keypad that contains a character you want. The character will appear in the Virtual Keypad at the bottom of display.
2. Press the corresponding key 1 to 5 to input a character, or press * key to toggle a virtual keypad page to Halant.

☑ When you enter a character, you will see the predicted word on the Word Prediction Box at the bottom of display. Otherwise, repeat above steps to enter other characters.

List of the characters available in Bengali

Key	Charachters in the Order Displayed	
	Press the key	And press * key
1 ক	1ক 2খ 3গ 4ঘ 5ঙ	1ক্ 2খ্ 3গ্ 4ঘ্ 5ঙ্
2 চ	1চ 2ছ 3জ 4ঝ 5ঞ	1চ্ 2ছ্ 3জ্ 4ঝ্ 5ঞ্

3 ট	¹ট ²ঠ ³ড ⁴ঢ ⁵ণ	¹ট্ ²ঠ্ ³ড্ ⁴ঢ্ ⁵ণ্
4 ত	¹ত ²থ ³দ ⁴ধ ⁵ন	¹ত্ ²থ্ ³দ্ ⁴ধ্ ⁵ন্
5 প	¹প ²ফ ³ব ⁴ভ ⁵ম	¹প্ ²ফ্ ³ব্ ⁴ভ্ ⁵ম্
6 য়	¹য় ²য ³র ⁴ল ⁵ড়	¹য়্ ²য্ ³র্ ⁴ল্ ⁵ড়্
7 শ	¹শ ²ষ ³স ⁴হ ⁵ঢ়	¹শ্ ²ষ্ ³স্ ⁴হ্ ⁵ঢ়্
8 অ	¹অ ²আ ³ই ⁴ঈ ⁵উ	¹উ ²ঋ ³এ ⁴ঐ ⁵ও ¹ঔ ²অ্যা ³এ্যা
9 া	¹া ²ি ³ী ⁴ু ⁵ূ	¹ৃ ²ে ³ৈ ⁴ো ⁵ৌ

0 ঁ	¹ঁ ²ং ³ঃ ⁴। ⁵ৎ	¹্
* ্	Halant (Virama) for a link (toggles a Virtual Keypad page)	

Key 1~7: Consonants Groups (Banjonborno)
Key 8: Independent Vowels Group (Shorborno)
Key 9: Dependent Vowels Group (Kar)
Key 0: Signs, Symbols, and Halant ্ for the sound

Example: To enter হ্যাঁ (Writing order: হ + য + া + ঁ), press the 7, * (Halant), 4, 6, 2, 9, 1, 0, and 1 keys.

Example: To enter প্লে (Writing order: প + ল + ে), press the 5, * (Halant), 1, 6, 4, 9, *, and 2 keys.

Example: To enter চুম্বন (Writing order: চ + ু + ম্ + ব + ন), press the 2, 1, 9, 4, 5, * (Halant), 5, 5, 3, 4, and 5 keys.

The usage of the Halant (Virama)

1. It is used as the link key to type Bengali conjuncts.

Example: To enter Bengali ক্ষ, You have to type the ক, ◌্, and ষ by pressing the 1, ⁎ (Halant), 1, 7, and 2 keys.

2. It is used as the sound to express the accurate pronunciation of a word. When you use the Halant as the sound, you can see the icon on the screen.

Example: To enter Bengali ক্ষ, You have to type the ক, ◌্, and ষ by pressing the 1, 1, 0, ⁎ (Halant), 1, 7, and 2 keys.

List of combination

ক্ + ক = ক্ক	ঞ্ + ছ = ঞ্ছ	ব্ + ধ = ব্ধ
ক্ + ট = ক্ট	ঞ্ + জ = ঞ্জ	ষ্ + ট = ষ্ট
ক্ + ত = ক্ত	ট্ + ট = ট্ট	ষ্ + ঠ = ষ্ঠ
ক্ + য = ক্য	ণ্ + ঠ = ণ্ঠ	ষ্ + ণ = ষ্ণ
ক্ + র = ক্র	ত + ◌্ = ৎ	স্ + খ = স্খ
ক্ + ষ = ক্ষ	ৎ + ত = ত্ত	হ্ + ন = হ্ন
ঙ্ + ক = ঙ্ক	ৎ + থ = ত্থ	হ্ + ম = হ্ম
ঙ্ + গ = ঙ্গ	দ্ + ধ = দ্ধ	ব্ + ব = ব্ব
জ্ + ঞ = জ্ঞ	ন্ + থ = ন্থ	চ্ + চ্ + চ = চ্চ্চ
ঞ্ + চ = ঞ্চ	ব্ + জ = জ্জ	গ্ + ঙ্ + ট = গ্ঙ্ট

গ্ + গ = গ্গ	হ্ + ণ = হ্ণ	গ + ◌্ + য + ◌ু = গ্যু
ৎ + ক = ৎক	গ + ◌ু = গু	শ + ◌্ + য + ◌ু = শ্যু
দ্ + ভ = দ্ভ	র + ◌ু = রু	ন + ◌্ + ত + ◌ু = ন্তু
ঞ্ + ঝ = ঞ্ঝ	র + ◌ূ = রূ	স + ◌্ + ত + ◌ু = স্তু
ৎ + র = ত্র	শ + ◌ু = শু	
ম্ + থ = ম্থ	হ + ◌ু = হু	
র্ + ক = র্ক	হ + ◌ৃ = হৃ	
ষ্ + ক = ষ্ক		

To type a word using the linguistic dictionary (Forward Prediction):

1. Input the first character of the word you want to enter.
2. You will see the word starting with the first character you input at step 1 in the Word Prediction Box at the bottom of display.
3. If that word is correct, go to step 4. Otherwise, press [Up] or [Down] to display another words you want to enter on the Word Prediction Box.
4. Press [*i*] to select it and go on to input the next word.

Example: To enter খোলা (Writing order: খ + ো + ল + া) using the linguistic dictionary, press the 1, 2, 9, * (Halant), and 4 keys. Then, you will see the desired word খোলা in Word Prediction Box. Select the word by pressing [*i*].

Example: To enter দৃষ্টি (Writing order: দ + ◌ৃ + ষ + ট + ◌ি) using the linguistic dictionary, press the 4, 3, 9, * (Halant), and 1 keys. Then, you will see the desired word দৃষ্টি in Word Prediction Box. Select the word by pressing [*i*].

Example: To enter শুরু (Writing order: শ + ু + র + ু) using the linguistic dictionary, press the 7 , 1, 9 and 4 keys. Then, you will see the desired word শুরু in Word Prediction Box. Select the word by pressing [*i*]. Otherwise, you can type it by pressing the 7, 1, 9, 4, 6, 3, 9, and 4 keys.

UDB (User defined word Database for Bengali)

Every word you typed in Messages will be automatically stored in Bengali UDB. About 200 words can be stored in Bengali UDB. Every word in the UDB get arranged and updated by frequency of use and new words. To store a word in Bengali UDB, type a word and insert a space by pressing [#]. Then the word gets stored in Bengali UDB. After this, you will see this word in Word Prediction Box.

Inserting a Space

To insert a space between words, press [#].

Entering a Indian number directly

To enter a Hindi, Marathi, Tamil or Bengali number, press and hold the number key in each Indian mode.

Scrolling

To move the cursor to the left or right within the text, press [Left] or [Right].

Clearing characters and Words

To clear the character to the left of the cursor, press [**C**]key. You can clear all of the letters on the display by pressing and holding [**C**].

Returning to the Previous Screen

When the text input field is cleared, press and hold [**C**] key to return to the previous screen.

Using ABC mode

Press the appropriate key until the character you want appears on the screen.

Key	Characters in order displayed	
	Upper case	Lower case
1	. , - ? ! @ : ( ) / # _ ~ 1	
2	A B C 2 Ä Å Æ Ç Γ	a b c 2 à ä å æ Γ
3	D E F 3 É Δ Φ	d e f 3 è é Φ
4	G H I 4 Θ Ψ	g h i 4 ì Ψ
5	J K L 5 Λ	j k l 5 Λ
6	M N O 6 Ñ Ø Ö ö	m n o 6 ñ ø ò ö
7	P Q R S 7 Π Σ Ξ	p q r s 7 ß Σ Ξ
8	T U V 8 Ü ü	t u v 8 ù ü
9	W X Y Z 9 Ω	w x y z 9 Ω
0	space + = < > € £ $ % & ¥ ¤ 0	

Tips for using ABC mode

- To enter the same letter twice or to enter a different letter on the same key, wait for the cursor to move to the right automatically or press [Right]. Then, enter the next letter.
- Press [#] to insert a space.
- Press [*] to change case. Lower case (No indicator), Initial capital (Ab), and Capital lock (AB) are available.
- Press [Left] or [Right] to move the cursor.
- Press [**C**] to delete characters one by one. Press and hold [**C**] to clear the display.

Using T9 mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes.

Entering a word in T9 mode

1. Press [**2**] to [**9**] to start entering a word. Press each key once for each letter.

   For example, press [**4**], [**3**], [**5**], [**5**], and [**6**] to enter HELLO in T9 mode.

   T9 predicts the word that you are typing, and it may change with each key that you press.
2. Enter the whole word before editing or deleting characters.

3. When the word displays correctly, go to step 4. Otherwise, press [**0**] to display alternative word choices for the keys that you have pressed.

   For example, OF and ME use [**6**] and [**3**].

4. Press [#] to insert a space and enter the next word.

Tips for using T9 mode

- Press [**1**] to enter periods or apostrophes automatically.
- Press [*] to change case. Lower case (No indicator), Initial capital (Ab), and Capital lock (AB) are available.
- Press [Left] or [Right] to move the cursor.
- Press [**C**] to delete characters one by one. Press and hold [**C**] to clear the display.

Adding a new word to the T9 dictionary

This feature may not be available for some languages.

1. Enter the word that you want to add.
2. Press [**0**] to display alternative words for your key presses. When there are no more alternative words, **Add** displays on the bottom line.
3. Press <**Add**>.
4. Enter the word you want using ABC mode and press <**OK**>.

Using Number mode

Number mode enables you to enter numbers.

Press the keys corresponding to the digits you want.

Using Symbol mode

Symbol mode enables you to insert symbols.

To	Press
display more symbols	[Up] or [Down].
select a symbol	the corresponding number key.
clear the symbol(s)	[**C**].
insert the symbol(s)	<**OK**>.

Call functions

Advanced calling features

Making a call

1. In Idle mode, enter the area code and phone number.
2. Press [ ].

☑ Press [**C**] to clear the last digit or press and hold [**C**] to clear the whole display. You can move the cursor to edit an incorrect digit.

Making an international call

1. In Idle mode, press and hold [**0**]. The **+** character appears.
2. Enter the country code, area code, and phone number, then press [ ].

Redialling recent numbers

1. In Idle mode, press [ ] to display the list of recent numbers.
2. Scroll to the number you want and press [ ].

Making a call from Phonebook

Once you have stored a number in Phonebook, you can dial the number by selecting it from Phonebook. ▶ p. 62

You can also use the speed dial feature to assign your most frequently called numbers to specific number keys. ▶ p. 64

Dialling a number from the phone's memory

1. In Idle mode, press and hold [**0**]. A + appears.
2. Enter the location number for the phone number you want and press [#].
3. Press [Up] or [Down] to scroll through other numbers.
4. Press <**Dial**> or [ ] to dial the number you want.

Dialling a number from the SIM card

1. In Idle mode, enter the location number for the phone number you want and press [#].

2. Press [Up] or [Down] to scroll through other numbers.
3. Press <**Dial**> or [ ] to dial the number you want.

Ending a call

Close the phone or press [ ].

Answering a call

When you receive an incoming call, the phone rings and displays the incoming call image.

Press [ ] or <**Accept**> to answer the call.

Tips for answering a call

- When **Anykey answer** in the **Extra settings** menu is active, you can press any key to answer a call, except for [ ] and <**Reject**>. ▶ p. 67
- Press <**Reject**> or [ ] to reject a call.
- When **Active folder** is active, you can just open the phone to answer a call.

Viewing missed calls

If you have missed calls, the screen displays how many calls you have missed.

1. Press <**View**>.
2. If necessary, scroll through the missed calls.
3. Press [ ] to dial the number you want.

Using the headset

Use the headset to make or answer calls without holding the phone.

Connect the headset to the jack on the left side of the phone.

The buttons on the headset work as listed below:

To	Press
redial the last call	the button twice.
answer a call	and hold the button.
end a call	and hold the button.

Options during a call

You can access a number of functions during a call.

Adjusting the volume during a call

Use [▲/▼] to adjust the earpiece volume during a call.

Press [▲] to increase the volume level and [▼] to decrease the volume level.

Placing a call on hold/Retrieving

Press <**Hold**> or <**Unhold**> to place the call on hold or retrieve the call.

Using the menu functions

Press <**Options**> and select **Menu**.

Switching off the microphone (**Mute mode**)

You can temporarily switch off your phone's microphone so that the other person on the phone cannot hear you.

Press <**Options**> and select **Mute** or **Unmute**.

Muting or sending key tones

You can turn the key tones off or on.

Press <**Options**> and select **Mute keys** or **Send keys**.

☑ To communicate with answering machines or computerised telephone systems, **Send keys** must be selected.

Sending a sequence of DTMF tones

Dual tone multi-frequency (DTMF) tones are the tones used in phones for tone dialling.

You can send DTMF tones as a group after entering the entire number you need to send or retrieving a number from Phonebook. This feature is helpful for entering a password or an account number when you call an automated system, like a banking service.

1. When connected with a teleservice system, press <**Options**> and select **Send DTMF**.
2. Enter the number you need to send and press <**OK**>.

Using Phonebook

You can access the **Phonebook** menu to locate or store entries. ▶ p. 62

Press <**Options**> and select **Phonebook**.

Answering a second call

You can answer an incoming call, if your network supports it and you have activated the call waiting feature. ▶ p. 41

1. Press [ ] to answer the call. The first call is automatically put on hold.
2. Press <**Swap**> to switch between the calls.
3. Press <**Options**> and select **End held call** to end the call on hold.
4. To end the current call, press [ ].

Making a multi-party call

Use this feature to allow as many as six people to join a multi-party call, or conference call.

Your service provider must support multi-party calls for you to use this feature.

Setting up a multi-party call

1. Call the first participant.
2. Call the second participant. The first call is automatically put on hold.
3. Press <**Options**> and select **Join**. The first participant is added to the multi-party call.
4. If desired, call another person or answer an incoming call.
5. Press <**Options**> and select **Join**.
6. Repeat steps 4 and 5 as desired.

Having a private conversation with one participant

1. Press <**Options**> and select **Select one**.
2. Select a name or number from the participant list.
3. Select **Private**.

   You can talk privately with that person, while the other participants converse with each other.
4. To return to the multi-party call, press <**Options**> and select **Join**.

Dropping one participant

1. Press <**Options**> and select **Select one**.
2. Select a name or number from the participant list.
3. Press [Down] and select **Remove**.

   The participant is dropped from the call, but the call continues with the other parties.
4. Close the phone or press [ ] to end the multi-party call.

Menu functions

All menu options listed

SIM AT *(Menu 1)*

This menu is available if you use a SIM AT card that provides additional services, such as news, weather, sports, entertainment, and location services. Available services may vary, depending on your service provider's plans.

For details, see your SIM card instructions or contact your service provider.

Call records *(Menu 2)*

Use this menu to view the calls you have dialled, received, or missed, the length of your calls, and the cost of your calls.

To access this menu, press <**Menu**> in Idle mode and select **Call records**.

Missed calls *(Menu 2.1)*

This menu displays the 20 most recently received calls that you did not answer.

Received calls *(Menu 2.2)*

This menu displays the 20 most recent calls you have received.

Dialled calls *(Menu 2.3)*

This menu displays the 20 most recent calls you have dialled.

Delete all *(Menu 2.4)*

Use this menu to delete all of the records in each call type.

1. Press [*i*] to check the call type(s) to be cleared.
2. Press <**Delete**>.
3. Press <**Yes**> twice to confirm the deletion.

Call time *(Menu 2.5)*

This menu displays the time log for calls made and received. The actual time invoiced by your service provider will vary.

- **Last call time**: check the length of your last call.
- **Total sent**: check the total length of all the calls you have dialled.
- **Total received**: check the total length of all the calls you have received.
- **Reset timers**: reset the call timers. You need to enter the phone password.

☑ The password is preset to **00000000**. You can change this password. ▶ p. 67

Call costs *(Menu 2.6)*

This network feature displays the cost of calls. This menu is available only if your SIM card supports this feature. Note that this is not intended to be used for billing purposes.

- **Last call cost**: check the cost of your last call.

- **Total cost**: check the total cost of all of your calls since your last reset the cost counter. If the total cost exceeds the maximum cost set in **Set max cost**, you must reset the counter before you can make another call.
- **Max cost**: check the maximum cost limit set in **Set max cost**.
- **Reset counters**: reset the cost counters. You need to enter your PIN2.
- **Set max cost**: set the maximum cost authorised for your calls. You need to enter your PIN2.
- **Price/unit**: set the price per unit that is applied when the cost of your calls is calculated. You need to enter your PIN2.

Network services *(Menu 3)*

Use this menu to access network services. Please contact your service provider to check their availability and subscribe to them, if you wish.

To access this menu, press <**Menu**> in Idle mode and select **Network services**.

Call diverting *(Menu 3.1)*

This network service reroutes incoming calls to a phone number that you specify.

1. Select a call diverting option:
   - **Divert always**: divert all calls.
   - **Busy**: diver calls when you are on another call.
   - **No reply**: divert calls when you do not answer the phone.
   - **Unreachable**: divert calls when you are not in an area covered by your service provider or when your phone is switched off.
   - **Cancel all**: cancel all call diverting options.
2. Select the type of calls to be diverted.
3. To activate call diverting, press <**Activate**>.

   Otherwise, press <**Options**> and select **Remove**.
4. Enter the number to which calls are to be diverted and press <**OK**>.
5. If you selected **No reply**, select the length of time the network delays before diverting a call and press <**Select**>.

Call barring *(Menu 3.2)*

This network service allows you to restrict your calls.

1. Select a call barring option:
   - **All outgoing**: prohibit all outgoing calls.
   - **International**: prohibit international calls.
   - **International except to home**: only allow calls to numbers within the current country when you are abroad, and to your home country, defined as where your home network provider is located.
   - **All incoming**: prohibit incoming calls.
   - **Incoming while abroad**: prohibit incoming calls when you use your phone outside of your home country.
   - **Cancel all**: cancel all call barring settings, allowing calls to be sent and received normally.
   - **Change barring password**: change the call barring password obtained from your service provider.
2. Select the type of calls to be barred.
3. Press <**Activate**>. To deactivate call barring, press <**Deactivate**>.
4. Enter the call barring password supplied by your service provider and press <**OK**>.

Call waiting *(Menu 3.3)*

This network service informs you when someone is trying to reach you while you are on another call.

1. Select the type of calls to which the call waiting option will apply.
2. Press <**Activate**>. To deactivate call waiting, press <**Deactivate**>.

Network selection *(Menu 3.4)*

This network service allows you to either automatically or manually select the network used when roaming outside of your home area.

You can select a network other than your home network only if there is a valid roaming agreement between the two.

- **Automatic**: connect to the first available network when roaming.
- **Manual**: select the network you want.

Caller ID *(Menu 3.5)*

This network service allows you to prevent your phone number from being displayed on the phone of the person being called. However, some networks do not allow the user to change this setting.

- **Default**: use the default setting provided by the network.
- **Hide number**: ensure your number does not display on the other person's phone.
- **Send number**: send your number each time you make a call.

Closed user group *(Menu 3.6)*

Use this menu to set incoming and outgoing calls to be restricted to a selected user group. For details about how to create a closed user group, contact your service provider.

- **Index list**: list, add, or delete CUG index numbers. Press <**Options**> to access the options for setting up an index list.
- **Outside access**: enable calls to numbers other than those in the Closed user group. This feature depends on the nature of your CUG subscription.
- **Default group**: enable the default CUG, if you have set one with your service provider. When making a call, you are given the option of using your default CUG, instead of selecting one from the list.
- **Deactivate**: deactivate the CUG function, if the default group is enabled or a CUG index is selected.

Band selection *(Menu 3.7)*

For the phone to make and receive phone calls, it must register with an available network.

Your phone can handle any of the following types of networks: GSM 1900 and Combined GSM 900/1800.

The country where you purchased your phone determines the default band that it uses. When you travel abroad, you must remember to change to an appropriate band.

When you select a new band, your phone automatically searches for all available networks. Your phone registers with a preferred network within the band.

Sound settings *(Menu 4)*

Use this menu to customise various sound settings.

Ring tone *(Menu 4.1)*

Use this menu to select a ring tone for the call ringer. You can select one of the default ring melodies, downloaded sounds, or the melodies you have created.

Ring volume *(Menu 4.2)*

Use this menu to adjust the ringer volume.

Alert type *(Menu 4.3)*

Use this menu to specify how you are to be informed of incoming calls.

- **Light only**: the phone flashes the service light.
- **Melody**: the phone rings using the selected ring tone.
- **Vibration**: the phone vibrates but not rings.
- **Vibra+melody**: the phone vibrates three times and then starts ringing.

Keypad tone *(Menu 4.4)*

Use this menu to select the tone that the phone sounds when you press a key.

☑ You can adjust the keypad tone volume using [▲/▼] in Idle mode.

Message tone *(Menu 4.5)*

Use this menu to select a ring tone or alert type for incoming messages.

- **SMS tone**: specify how you are informed of a new SMS message.
- **SMS-CB tone**: specify how you are informed of a new cell broadcast (CB) message.
- **MMS tone**: specify how you are informed of a new MMS message.
- **Repetition**: specify how often the phone informs you of a new message.

Folder tone *(Menu 4.6)*

Use this menu to select the tone that the phone sounds when you open or close the phone.

Power on/off *(Menu 4.7)*

Use this menu to select the melody that the phone plays when it is switched on or off.

Alert on call *(Menu 4.8)*

Use this menu to select whether or not the phone informs you when you receive a new message or when the time for an alarm comes during a call.

Extra tones *(Menu 4.9)*

Use this menu to customise additional tones for the phone.

- **Error tone**: set the phone to beep when you make a mistake.
- **Minute minder**: set the phone to beep every minute during an outgoing call to keep you informed of the length of your call.
- **Connect tone**: set the phone to beep when it is connected to the system.

Messages *(Menu 5)*

Use the **Messages** menu to send and receive short messages, and multimedia messages. You can also use WAP push message, Voice mail, and Cell broadcast message features.

To access this menu, press <**Menu**> in Idle mode and select **Messages**.

Text messages *(Menu 5.1)*

Short Message Service (SMS) allows you to send or receive text messages including pictures, melodies, and animated images.

☑ The maximum number of characters allowed in a short message varies by service provider. If your message exceeds the maximum number of characters, the phone will split the message.

Create *(Menu 5.1.1)*

You can create and send a text message.

1. Enter your message.
2. Press <**Options**> to access the following options:
   - **Text formatting**: change the text attributes.
   - **Add content**: add a sound, melody, picture, or animation to the message.
   - **Add templates**: retrieve a text template.
   - **Add emoticon**: retrieve an emoticon.
   - **Add from phonebook**: add a Phonebook entry.
   - **Add from bookmarks**: add a web page's address.
   - **Language**: change the language used in T9 input mode.
3. Press <**Options**> and select **Save and send** or **Send only**.
4. If you select **Save and send** or **Save only**, select a memory location.
5. Enter a destination number.
6. Press <**OK**> to send the message.

Inbox *(Menu 5.1.2)*

You can view received text messages in this menu.

While viewing a message, press <**Options**> to access the following options:

- **Delete**: delete the message.
- **Send**: forward the message.
- **Text reply**: reply to the sender.
- **Call back**: call the sender.
- **Save address**: extract URLs, e-mail addresses, or phone numbers from the message.
- **Move to phone**: move the message from the SIM card to the phone's memory.

- **Move to SIM**: move the message from the phone's memory to the SIM card.
- **Select content**: save images or sounds from the message into your phone.

Outbox *(Menu 5.1.3)*

You can view sent or saved text messages.

While viewing a message, press <**Options**> to access the following options:

- **Delete**: delete the message.
- **Send**: forward the message.
- **Save address**: extract URLs, e-mail addresses, or phone numbers from the message.
- **Move to phone**: move the message from the SIM card to the phone's memory.
- **Move to SIM**: move the message from the phone's memory to the SIM card.
- **Select content**: save images or sounds from the message into your phone.

Templates *(Menu 5.1.4)*

You can preset maximum 5 templates to write a text message.

While viewing the templates list, press <**Options**> to access the following options:

- **Edit**: edit the template.
- **Send**: send the template as an SMS message.
- **Delete**: delete the template.

Emoticon templates *(Menu 5.1.5)*

You can preset emoticon templates and retrieve them to use in a message.

While viewing the emoticon list, press <**Options**> to access the following options:

- **Add**: add a new emoticon.
- **Edit**: edit the selected emoticon.
- **Send**: send a message using the emoticon.
- **Delete**: delete the emoticon.

Settings *(Menu 5.1.6)*

Use this menu to customise the SMS settings.

☑ The setting options available in this menu may vary depending on your service provider.

- **Setting x** (where **x** is the setting group number): each group has its own submenu.

  Setting name: change the name of the setting group.

  Service center: store or changes the number of your message centre.

  Default destination: store a default destination number.

  Default type: set the default message type.

  Validity period: set the length of time your messages are stored in the message centre while the network attempts to deliver them.
- **Common settings**: The following options are available.

  Reply path: allow the recipient to reply to you through your message centre.

  Delivery reports: set the network to inform you when your message has been delivered.

  Bearer selection: select the **GSM** or **GPRS preferred** bearer type.

Multimedia messages *(Menu 5.2)*

Multimedia Message Service (MMS) delivers messages containing a combination of text, picture, and sound, from phone to phone or from phone to e-mail.

Create *(Menu 5.2.1)*

You can create and send an MMS message.

1. Enter a message subject and press <**Next**>.
2. Press <**Options**> and add message contents using one of the following options:
   - **Add text**: add message text.
   - **Add picture**: add pictures to the message.
   - **Add sound**: add sounds to the message.
   - **Send**: send the message.
   - **Save**: save the message in the Draft or Templates box.

- **Settings**: change the message settings.
- **Add destination**: enter destination numbers or addresses.
- **Preview**: view the message you created.

3. If you want to change the added items, highlight one and press <**Options**> to access the following options:
   - **Edit text**/**picture**/**sound**: edit the text, picture, or sound.
   - **Add page**: add pages. Move to each page by pressing the Left or Right key on the message screen.
   - **Delete**: delete the item from your message.
   - **Duration**: set how long one page displays. After the specified time, the display automatically scrolls to the next page.
4. When you have finished, select **Send** from the options.
5. Select a destination type (To, Cc, Bcc).
6. Select one of **Phone number**, **E-mail**, or **Phone book**.
7. Enter a destination number or an e-mail address, or select a number from Phonebook and press <**OK**>.
8. To add more destinations, select **Add destination** and repeat from step 6.
9. To enter additional numbers or addresses to other destination types, press <>and repeat from step 5.
10. When you have finished, select **Send message**.

Inbox *(Menu 5.2.2)*

This menu displays MMS messages that you have received. The following icons tell you the message status:

- notification that you have read
- notification that you have not read
- you are retrieving from the server
- the server is processing your request
- the server is failed to send
- you have read
- you have not read

While viewing a message, press <**Options**> to access the following message options:

- **Delete**: delete the message.
- **Reply**: reply to the sender.
- **Callback**: call the sender.
- **Save address**: extract URLs, e-mail addresses, or phone numbers from the message.
- **Forward**: forward the message to another person.
- **Save picture**: save an image from the message into the **Images** folder.
- **Save sound**: save a sound from the message into the **Sounds** folder.
- **Properties**: view the message properties.

☑ When you select a notification, you can access **Retrieve** to retrieve the message from the MMS server.

Outbox *(Menu 5.2.3)*

This menu displays MMS messages that you have sent. The following icons tell you the message status:

- currently being sent
- sent
- your phone couldn't send
- to be sent
- deferred

While viewing a message, press <**Options**> to access the following options:

- **Delete**: delete the message.
- **Save address**: extract URLs, e-mail addresses, or phone numbers from the message.
- **Send**: send or resend the message.
- **Edit**: edit the message.
- **Properties**: view the message properties.

Draft *(Menu 5.2.4)*

After creating a multimedia message, you can store it in this message box for sending later.

You can view a message and use the options the same as in the Outbox.

Templates *(Menu 5.2.5)*

This menu stores messages you saved as templates so that you can use them to create new messages.

While viewing a message template, press <**OK**> to access the following options:

- **Edit**: send the message using the template.
- **Delete**: delete the template.

Settings *(Menu 5.2.6)*

You can customise the settings for sending and receiving MMS messages.

- **Delivery report**: set the network to inform you when your message has been delivered.
- **Read reply**: request a reply from the recipient.
- **Auto download**: set whether or not your phone retrieves new incoming messages from the MMS server without notifications.
- **Message acceptance**: select the category of messages you want to receive.
- **Hide ID**: hide your phone number on the recipient's phone.
- **Validity period**: set the length of time your messages are stored in the message centre.
- **Delivery time**: set the time delay before messages are sent.
- **Priority**: set the priority level of your messages.
- **Report allowed**: send a delivery report from the network to the sender.
- **Page duration**: set how long one page in your outgoing messages displays. After a specified time, the display automatically scrolls to the next page.

MMS profile *(Menu 5.2.7)*

You can configure required network settings for MMS. The last profile accessed is automatically activated for sending or receiving subsequent messages.

☑ Check with your service provider before you change any MMS settings on your phone.

- **Profile name**: assign a name to the MMS profile.
- **Connection URL**: enter the address of your MMS server.
- **Security**: select a data transmission mode.

- **IP address**: enter the gateway address.
- **User name**: assign the user ID.
- **Password**: enter the password.
- **APN**: enter the access point name used for the address of the MMS server.

Push messages *(Menu 5.3)*

Use this menu to access messages from the WAP server.

- **Inbox**: view push messages you have received.
- **Receive**: determine whether or not your phone receives push messages.

  Never: the phone rejects push messages.

  Always: the phone receives all push messages.
- **Delete all**: delete all of push messages.

Delete all *(Menu 5.4)*

Use this menu to delete all of the messages in each message box.

1. Select a message type.
2. Press [ ] to check the message box(es) to be cleared.
3. Press <**Delete**>.
4. Press <**Yes**> twice to confirm the deletion.

Voice mail *(Menu 5.5)*

Use this menu to store the number of the voice mail server and access your voice mails.

☑ You must enter the voice server number before you can access your voice mails. Your service provider can give the voice server number.

- **Connect to voice server**: connect to the voice server to allow you to listen to your messages. You can also connect to the voice mail server by pressing and holding [**1**] in Idle mode.
- **Voice server number**: change the voice mail server name or number.

Broadcast messages *(Menu 5.6)*

The Cell Broadcast service delivers short messages on various topics such as the weather or traffic.

Use this menu to change the settings for the service and access broadcast messages.

- **Read**: open received messages.

  The **Volatile** box saves network messages until the phone is switched off.

  The **Archive** box saves network messages indefinitely. Press <**Options**> and select **Save** when a text notification appears. The message is saved in the **Archive** box.
- **Receive**: enable or disable the reception of broadcast messages.
- **Channel list**: specify the channels from which you receive broadcast messages.
- **Language**: select the language in which broadcast messages display.

Please contact your service provider for details.

Memory status *(Menu 5.7)*

Use this menu to view the total number of messages you can store and the number of messages you have stored on the SIM card, in the phone's memory, and in the CB memory.

Funbox *(Menu 6)*

The **Funbox** menu allows you to use the WAP browser, play Java games, and access images and sounds stored in the phone's memory.

To access this menu, press <**Menu**> in Idle mode and select **Funbox**.

WAP browser *(Menu 6.1)*

The Wireless Application Protocol (WAP) browser on your phone allows you to access the wireless web. Using the WAP browser, you can access updated information and a wide variety of media content, such as wallpapers and ring tones.

Home *(Menu 6.1.1)*

Use this menu to connect your phone to the network and load the homepage of the wireless web service provider. You can also press [ ] in Idle mode.

Navigating with the WAP browser

To	Press
access browser options	<**Menu**>.
scroll through browser items	[Up] or [Down].
select a browser item	[*i*].
return to the previous page	[**C**].
return to the homepage	<**Menu**> and select **Home**.

Selecting and using browser menu options

1. Press <**Menu**> and select a menu.
2. Select one of the following browser options:
   - **Bookmarks**: open the bookmarks list.
   - **Reload**: reload the current page.
   - **Home**: go back to the homepage.
   - **Go to URL**: enter a URL address manually.
   - **Show URL**: view the URL address of the current web page.
   - **Clear cache**: delete information stored in the cache.
   - **Security info**: view security information.
   - **Inbox**: read messages received from a web server.
   - **Show image**: view the image on the current web page in order.

Exiting the WAP browser

Press [ ] to exit the browser.

Bookmarks *(Menu 6.1.2)*

Use this menu to save URL addresses to quickly access a website.

Adding a bookmark

1. Select an empty location.
2. Enter a URL address and press <**Enter**>.
3. Enter a name for the bookmark and press <**Enter**>.

Accessing a bookmarked page

Scroll to a bookmark item and press [*i*].

Using bookmark options

After saving an item, press <**Options**> to access the following options:

- **Go to URL**: access the website.
- **Edit**: edit the address and name of the bookmark.
- **Delete**: delete the bookmark.

http:// *(Menu 6.1.3)*

Use this menu to manually enter the URL address of a website and access the website.

WAP profiles *(Menu 6.1.4)*

Use this menu to set up servers for the WAP browser. Contact your service provider for details about your settings options.

For each server, the following options are available:

- **Profile name**: assign a name to the server profile.
- **Homepage URL**: set the address of your homepage.
- **Security**: select a data transmission mode.
- **Bearer**: select a bearer for each type of network address accessed; **GPRS** or **Data**.

*When the bearer is set to **GPRS***:

- **IP address**: enter the WAP gateway address.
- **User name**: enter the user ID.
- **Password**: enter the password.
- **APN**: enter the access point name of the GPRS network gateway.

*When the bearer is set to **Data***:

- **IP address**: enter the WAP gateway address.
- **Login name**: enter the User ID.
- **Password**: enter the password.
- **Dial-up number**: enter the PPP server phone number.
- **Data call type**: select a data call type.

Clear cache *(Menu 6.1.5)*

Use this menu to clear the cache, which is the temporary memory that stores the web pages you have recently accessed.

Games *(Menu 6.2)*

You can download MIDlets (Java applications that run on mobile phones) from various sources using the WAP browser, and store them in your phone.

☑ Java services may not available, depending on your service provider.

Launching a MIDlet

1. Select the MIDlet you want on the games list.
2. On the startup screen of the MIDlet, you can access the following options:
   - **START GAME**: start a new game.
   - **CONTINUE**: continue the last game you played.
   - **HIGH SCORE**: view the high score table. This option may not be available for some games.
   - **HOW TO PLAY**: view how to play the game and the key functions for the game.
   - **OPTION**: switch on or off the game sound.
3. Press [ ] to confirm your selection.

Viewing MIDlet information

Scroll to the MIDlet you want and press <**Info**>.

Changing DNS settings

You may need to change the DNS setting of the Java server at your service provider's instructions.

1. Select **Setting** on the Games list.
2. Enter the primary address and press <**OK**>.
3. Enter the secondary address and press <**OK**>.

Sounds *(Menu 6.3)*

This menu displays sounds downloaded from the wireless web or received in messages.

While accessing a sound, press <**Options**> to access the following options:

- **Rename**: change the name of the sound.
- **Delete**: delete the sound.
- **Set as ringtone**: set the sound as your ring tone.

Images *(Menu 6.4)*

This menu displays images downloaded from the wireless web or received in messages.

While accessing an image, press <**Options**> to access the following options:

- **Rename**: change the name of the image.
- **Delete**: delete the image.
- **Set as wallpaper**: set the image as your wallpaper for the idle screen.

Delete all *(Menu 6.5)*

You can delete all of the downloaded items in the **Games**, **Sounds**, and **Images** folders.

1. Press [ ] to check the folder(s) to be cleared.
2. Press <**Delete**>.
3. Press <**Yes**> twice to confirm the deletion.

Memory status *(Menu 6.6)*

You can check the total amount of memory for media items and the amount of memory currently in use in each media box.

Melody composer *(Menu 6.7)*

Use this menu to compose your own melodies using a variety of musical components. You can set one of your melodies as your call ringer.

Compose melody *(Menu 6.7.1)*

When you access the **Compose melody** menu, a stave screen displays with a selection point at the first note position (Do).

Creating a melody

1. Move the selection point up or down by pressing [Up] or [Down].
2. Press <**Input**>.
3. Select a note or rest.
4. Repeat steps 1 to 3 to add more notes and rests.
5. When you have finished, press <**Options**> and select **Save**.
6. Enter a melody name and press <**OK**>.

Editing a melody

While composing a melody or after opening a saved melody, you can edit it.

1. To change an entered note or rest, move the selection point by pressing [Up] or [Down].
2. Change the position of the note or type of the note or rest the same as you would when inserting it.
3. Press [*] or [#] to move a note to the next semitone higher or lower position.

   You can access the following options by pressing <**Options**>:

   - **Range**: select more than one note or rest. The selected ones are indicated in yellow.
   - **Copy**: copy the note or rest.
   - **Cut**: cut the note or rest.
   - **Paste**: paste the note or rest.
   - **Change**: change the note or rest.
   - **Delete**: delete the note or rest.
   - **Play**: play the current melody.
4. After editing, press [Right] until the selection point moves to an input position.
5. Press <**Options**> and select **Save** to save the changes to the melody, or **Save as** to save the melody under a different name.

Using composer options

While composing a melody, press <**Options**> to access the following options:

- **New**: open a new composer screen.
- **Open**: open the list of your own melodies.
- **Play**: play the current melody.
- **Save**: save the melody.
- **Save as**: save the melody under a different name.
- **Instrument**: change the musical instrument to be used for playing the melody.
- **Background melody**: use a background melody.
- **Add note**: add notes to the melody.
- **Tempo**: change the tempo.
- **Volume**: adjust the volume level of the main and background melodies separately.

Memory status *(Menu 6.7.2)*

You can check the total amount of memory and the amount of memory currently in use for melodies you have created.

Organiser *(Menu 7)*

The Organiser feature enables you to keep track of your schedule and tasks, and to make a voice memo. You can also set the time and date and use convenient features, such as alarms, calculator, and currency exchange.

To access this menu, press <**Menu**> in Idle mode and select **Organiser**.

Alarm *(Menu 7.1)*

Use this menu to set alarms to ring at a specific time.

Setting an alarm

1. Select the type of alarm.
2. Enter the time for the alarm to sound.
3. Select **AM** or **PM** in 12-hour time format.

   ☑ Your phone is preset to a 24-hour format. You can change the time format. ▶ p. 59

4. If you selected **Morning call** in step 1, choose **Monday to friday** or **Monday to saturday**.

Stopping an alarm

- When the alarm sounds, press any key.
- To remove an alarm set, access it, press <**Options**> and select **Remove alarm**.
- To remove all alarm sets, select **Remove alarm** from the **Alarm** menu.

Setting the alarm to ring even if the phone is off

From the Alarm screen, select **Autopower** → **Enable**.

If the phone is off when it is time for the alarm to ring, the phone switches on and sounds the alarm.

Calendar *(Menu 7.2)*

Use this menu to consult the calendar, write memos, or set alarms to act as a reminder.

Writing a memo

1. Select a date on the calendar.

   ☑ Press [▲/▼] to move to the next or previous month.

2. Enter your memo and press <**OK**>.

3. Press [ ] to set an alarm to ring on the chosen day.

   Otherwise, press <**Skip**>.
4. Enter the time for the alarm.

   To select an alarm melody, press <**Melody**>.
5. Select **AM** or **PM** in 12-hour format.

   ☑ Your phone is set to a 24-hour format. You can change the format. ▶ p. 59

   The colour of the date on the calendar changes to green to indicate that a memo exists for that date.

Viewing a memo

On the calendar screen, press <**Options**> to access the following options:

- **Search all**: view all of the memos you created.
- **Delete all**: delete all memos.
- **Go to date**: go to a specific date.
- **Exit**: exit the Calendar feature.

While viewing a memo, press <**Options**> to access the following options:

- **New**: add a new memo.
- **Edit**: edit the memo.
- **Alarm**: set an alarm for the memo.
- **Delete**: delete the memo.
- **Copy to**: copy the memo to another date.
- **Move to**: change the date of the memo.

Time & date *(Menu 7.3)*

Use this menu to change the time and date displayed on your phone. Before setting the time and date, specify your time zone in **World time**.

- **Set time**: enter the current time.
- **Set date**: enter the current date.
- **World time**: set your local time zone and find out what time it is in another part of the world.

  ☑ To apply Daylight Savings Time to a time zone, press <**Options**> and select **Set daylight saving time**.
- **Time format**: select 12-hour or 24-hour time format.

Calculator *(Menu 7.4)*

Use this menu to perform basic arithmetic functions such as addition, subtraction, multiplication, and division.

1. Enter the first number.

   Press the left soft key to insert a decimal point and a bracket.

   Press [✳] or [#] to move the cursor.

2. Press the Navigation keys to access the math function you want.
3. Enter the second number.
4. Press [ ] to view the result.

To do list *(Menu 7.5)*

Use this menu to create tasks and manage them.

Creating the To do list

1. Press <**New**>.
2. Enter the first task and press <**OK**>.
3. Select a priority level.
4. Enter your deadline and press [ ].

   Otherwise, press <**Skip**>.

Viewing the To do list

When you select the To do list menu, the tasks display with a check mark, if the task has been done, and a priority level indicator; for High, for Normal, and for Low.

To change the status of a specific task, press [✳].

While viewing a task from the list or the details for the task, press <**Options**> to access the following options:

- **New**: add a new task.
- **Mark**: change the status of the task.
- **Edit**: edit the task.
- **Sort**: sort the task by priority or status.
- **Copy**: copy the task.
- **Copy to calendar**: copy the task to the calendar as a memo.
- **Delete**: delete the task.

- **Delete all**: delete all tasks.
- **Exit**: exit the **To do list** menu.

Voice memo *(Menu 7.6)*

Use this menu to record voice memos. A voice memo can be up to 30 seconds.

Record voice *(Menu 7.6.1)*

1. Press <**Record**> to start recording.
2. Speak into the microphone.
3. When you press <**Stop**>, or if the recording time expires, the following options display:
   - **Replay**: play back your memo.
   - **Re-record**: discard the memo and records another one.
   - **Save**: save the memo.
   - **Quit**: cancel your recording and exits the **Record voice** menu.
4. Select **Save** to save the voice memo.
5. Enter a name of the voice memo and press <**OK**>.

Voice list *(Menu 7.6.2)*

Use this menu to access the list of voice memos you have recorded.

Press <**Options**> to access the following options:

- **Play**: play back your voice memo.
- **Send**: send the voice memo via MMS.
- **Rename**: change the name of the voice memo.
- **Properties**: view the properties of the voice memo.
- **Delete**: delete the voice memo.

Delete all *(Menu 7.6.3)*

Use this menu to delete all of the voice memos you have recorded at one time.

Memory status *(Menu 7.6.4)*

You can check the total amount of memory and the amount of currently in use for voice memos.

Currency exchange *(Menu 7.7)*

Use this menu to do currency conversions.

1. Enter the rate of foreign currency and press <**OK**>.
2. Enter the amount of the source currency you want to convert and press <**OK**>.

   You can enter a demical point (.) using the [#] key.

   The amount you entered and its equivalent value in the foreign currency display.

Phonebook *(Menu 8)*

You can store phone numbers on your SIM card and in your phone's memory. The SIM card and phone's memory are physically separate, but they are used as a single entity called Phonebook.

To access this menu, press <**Menu**> in Idle mode and select **Phonebook**.

☑ Press <**Phonebook**> in Idle mode to quickly access this menu.

Search *(Menu 8.1)*

Use this menu to search for numbers in Phonebook.

Finding an entry

1. Enter the first few letters of the name that you want to find.
2. Select the name you want from the list.
3. Press [↷] to dial the number, or <**Options**> to access the Phonebook options.

Using Phonebook options

While viewing an entry in Phonebook, press <**Options**> to access the following options:

- **Edit**: edit the entry information.
- **Copy**: copy the number to the phone's memory or SIM card.
- **Paste**: paste the number into the normal dialling mode.
- **Delete**: delete the number from Phonebook.
- **Caller group**: assign a caller group.
- **Add entry**: add a new entry.

Add entry *(Menu 8.2)*

Use this menu to add a new entry to Phonebook.

Storing a number or an e-mail address in the phone's memory

1. Select a number type.
2. Select **Phone**.
3. Enter a name and press **<OK>**.
4. Enter a number or an e-mail address and press <**Save**>.
5. Change the location number, if you want, and press <**OK**>.

Storing a number on the SIM card

1. Select a number type.
2. Select **SIM**.
3. Enter a name and press <**OK**>.
4. Enter a number and press <**Save**>
5. Change the location number, if you want, and press <**OK**>.

Group search *(Menu 8.3)*

Use this menu to search your entries in Phonebook in caller groups.

1. Enter the first few letters of the group name.
2. Select a group and press <**View**>.
3. Select the name you want.
4. Press [ ] to dial the number or <**Options**> to access the Phonebook options.

Group edit *(Menu 8.4)*

Use this menu to edit your caller groups' properties.

From the group list, press <**Options**> to access the following options:

- **Call ringtone**: set a ring tone for incoming calls from the group.
- **SMS tone**: set a ring tone for incoming messages from the group.
- **Graphic**: set a graphic icon for incoming calls from the group.
- **Group name**: assign a name to the group.

Speed dial list *(Menu 8.5)*

Use this menu to assign speed dial numbers (2 to 9) to eight of your most frequently called numbers.

Assigning speed dial entries

1. Select a key location from **2** to **9**. Key **1** is reserved for your voice mail server.
2. Select the name you want from the Phonebook list.
3. Select the number you want.

Managing speed dial entries

While viewing the Speed dial screen, press <**Options**> to access the following options:

- **Change**: assign a different number to an assigned key.
- **Delete**: delete the setting for the key.
- **Delete all**: delete the settings for all the keys.
- **Number**: view the number assigned to the key.

Dialling speed dial entries

Press and hold the appropriate key in Idle mode.

Delete all *(Menu 8.6)*

Use this menu to delete all of the entries from Phonebook.

1. Press [ ] to check the location(s) to be cleared.
2. Press <**Delete**>.
3. Enter the phone password and press <**OK**>.
4. Press <**Yes**> twice to confirm the deletion.

Memory status *(Menu 8.7)*

Use this menu to check the total number of entries you can store and the number of the entries you have stored in Phonebook.

SDN *(Menu 8.8)*

This menu is available if your SIM card supports Service Dialling Numbers (SDN). Use this menu to view the list of SDNs assigned by your service provider, including emergency numbers, directory enquiries, and voice mail numbers.

Scroll to the number you want and press <**Dial**> or [ ].

Phone settings *(Menu 9)*

Use this menu to customise your phone settings. You can also reset the settings to their default values.

To access this menu, press <**Menu**> in Idle mode and select **Phone settings**.

Display settings *(Menu 9.1)*

Use this menu to change settings for the display and light.

Wallpaper *(Menu 9.1.1)*

You can change the background image and the settings for the text of Idle mode.

- **Wallpaper list**: select a background image.
- **Text display**: determine the phone displays the time and date.
- **Text color**: select a colour of the text

Menu style *(Menu 9.1.2)*

You can select the menu display style.

Back light *(Menu 9.1.3)*

You can select the length of time the backlight and the display stay on.

- **Back light On**: select the length of time the backlight is on.
- **Back light Dim**: select the length of time the display is in Dimming mode after the backlight turns off. After a specified time, the display turns off.

Contrast *(Menu 9.1.4)*

You can adjust the brightness of the display for varying lighting conditions.

Service light *(Menu 9.1.5)*

You can select whether or not the service light is used. You can also select a colour in which it flashes.

Graphic logo *(Menu 9.1.6)*

Use this menu to display your service provider's logo instead of its name.

Greeting message *(Menu 9.2)*

Use this menu to enter the greeting that is displayed briefly when the phone is switched on.

Own number *(Menu 9.3)*

Use this feature to check your phone numbers, or to assign a name to each of the numbers. Changes made here do not affect the actual subscriber numbers on your SIM card.

Language *(Menu 9.4)*

Use this menu to select one of several languages for the display text.

Security *(Menu 9.5)*

Use this menu to protect the phone against unauthorised use by managing the several access codes of your phone and SIM card.

☑ If you enter an incorrect PIN /PIN 2 three times in succession, the SIM card is blocked. To unblock it you need to enter your PUK/PUK2 (Personal Unblocking Key). The codes are supplied by your network operator.

PIN check *(Menu 9.5.1)*

The 4-to 8-digit PIN (Personal Identification Number) protects your SIM card against unauthorised use. When this feature is enabled, the phone requires your PIN each time it is switched on.

Change PIN *(Menu 9.5.2)*

Use this menu to change your PIN. The PIN Check feature must be enabled to use this feature.

Phone lock *(Menu 9.5.3)*

The Phone lock feature locks the phone from unauthorised use.

When this feature is enabled, you must enter a 4- to 8-digit phone password each time the phone is switched on.

The password is preset to **00000000**. To change the password, use the **Change password** menu.

Change Password *(Menu 9.5.4)*

Use this menu to change your phone password. The password is preset to **00000000**.

Privacy *(Menu 9.5.5)*

Use this menu to lock your media contents, including MMS messages, voice list, images, and sounds.

1. Press [ ] to check the item(s) to be locked.
2. Press <**OK**> to lock the marked items.
3. Enter the phone password and press <**OK**>.

To access a locked item, you need to enter the phone password.

SIM lock *(Menu 9.5.6)*

The SIM lock feature allows your phone to work only with the current SIM by assigning a SIM lock code. You must enter the SIM lock code to use a different SIM card.

FDN mode *(Menu 9.5.7)*

If supported by your SIM card, Fixed Dialing Number (FDN) mode restricts your outgoing calls to a limited set of phone numbers. When this feature is enabled, you can make calls only to phone numbers stored in Phonebook. To use this feature, you must enter your PIN2.

Change PIN2 *(Menu 9.5.8)*

If supported by your SIM card, the Change PIN2 feature changes your current PIN2.

Extra settings *(Menu 9.6)*

You can turn the automatic redialing or answering features on or off.

- **Auto redial**: make up to ten attempts to redial a phone number after an unsuccessful call.
- **Active folder**: answer an incoming call simply by opening the phone.
- **Anykey answer**: answer an incoming call by pressing any key, except [ ] or <**Reject**>.

  When this option is set to **Off**, you must press [ ] or <**Accept**> to answer a call.

Short cut *(Menu 9.7)*

You can use the Navigation keys as shortcut keys to access specific menus directly from Idle mode. Use this menu to change the shortcut assignments for the Up or Down key.

1. Select the key to be used as a shortcut key.
2. Scroll to the menu that will be assigned to the key.
3. Press <**Select**>.

Reset settings *(Menu 9.8)*

Use this menu to reset the phone to its default settings.

Enter the 4- to 8-digit phone password and press <**OK**>.

☑ The password is preset to **00000000**. You can change this password. ▶ p. 67

Solve problems

To save the time and expense of an unnecessary service call, perform the simple checks in this section before contacting a service professional.

When you switch on your phone, the following messages may appear:

"Insert SIM card"

- Be sure that the SIM card is correctly installed.

"Phone locked enter password"

- The automatic locking function has been enabled. You must enter the phone's password before you can use the phone.

"Enter PIN"

- You are using your phone for the first time. You must enter the PIN supplied with the SIM card.
- The PIN Check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN check** menu.

"Enter PUK"

- The PIN code has been entered incorrectly three times in succession, and the phone is now blocked. Enter the PUK supplied by your service provider.

"No Service," "Network Failure," or "Not Done" displays

- The network connection has been lost. You may be in a weak signal area. Move and try again.
- You are trying to access an option for which you have no subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialled

- Be sure that you have pressed [ ].
- Be sure you have accessed the right cellular network.
- Be sure that you have not set an outgoing call barring option.

Your correspondent cannot reach you

- Be sure your phone is switched on. ([ ] pressed for more than one second.)
- Be sure you are accessing the correct cellular network.
- Be sure that you have not set an outgoing call barring option.

Your correspondent cannot hear you speaking

- Be sure you have switched off the microphone.
- Be sure you are holding the phone close enough to your mouth. The microphone is located at the bottom of the phone.

The phone starts beeping and "Battery low" flashes on the display

- Your battery is insufficiently charged. Recharge the battery.

The audio quality of the call is poor

- Check the signal strength indicator on the display ( ). The number of bars indicates the signal strength from strong ( ) to weak ( ).
- Try moving the phone slightly or moving closer to a window if you are in a building.

No number is dialled when you re-call a Contacts entry

- Use the Phonebook Search feature to ensure the number has been stored correctly.
- Re-store the number, if necessary.

If the above guidelines do not help you to solve the problem, take note of:

- The model and serial numbers of your phone
- Your warranty details
- A clear description of the problem

Then contact your local dealer or Samsung after-sales service.

Health and safety information

SAR certification information

This phone meets European Union (EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured to not exceed the limits for exposure to radio-frequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit recommended by the EU Council is 2.0W/kg.*

The highest SAR value for this model phone was 0.679W/kg.

SAR tests are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a new model phone is available for sale to the public, compliance with the European R&TTE Directive must be shown. This directive includes as one of its essential requirements the protection of the health and safety of the user and any other person.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary, depending on national reporting requirements and the network band.

Precautions when using batteries

- Never use a charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power. Talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge, the type of battery, and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers. Disconnect the charger from the power source when it is not in use. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places because the capacity and lifetime of the battery will be reduced. Try to keep the battery at room temperature. A phone with a hot or cold battery may not work temporarily, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0°C (32°F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object like a coin, clip or pen causes a direct connection between the + and – terminals of the battery (metal strips on the battery). For example, do not carry a spare battery in a pocket or bag where the battery may contact metal objects. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone while driving, follow local regulations in the country or region you are in.

Operating environment

Remember to follow any special regulations in force in the area you are in, and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel.

Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research. If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other medical devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy.

Your physician may be able to assist you in obtaining this information.

Switch off your phone in health care facilities when regulations posted in these areas instruct you to do so.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch off your phone in any facility where posted notices require you to do so.

Potentially explosive environments

Switch off your phone when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include the areas below decks on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas, such as propane or butane, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency calls

This phone, like any wireless phone, operates using radio signals, wireless, and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications like medical emergencies.

To make or receive calls, the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. Switch on the phone.
2. Key in the emergency number for your present location. Emergency numbers vary by location.
3. Press [ ].

Certain features like Call Barring may need to be deactivated before you can make an emergency call. Consult this document and your local cellular service provider.

Other important safety information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. Improperly installed wireless equipment could result in serious injury if the air bag inflates.
- Switch off your phone before boarding an aircraft. It is dangerous and illegal to use wireless phones in an aircraft because they can interfere with the operation of the aircraft.

- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, stove, or radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Index

A
ABC mode, text input • 32
Alarm • 58
Alert • 43, 44
Answering
  call • 35
  second call • 37
Anykey answer • 67
Auto redial • 67

B
Backlight time, set • 65
Band selection • 42
Barring, calls • 41
Battery
  charging • 7
  low indicator • 8
  precautions • 72
Broadcast messages • 51
Browser, WAP • 52

C
Calculator • 60
Call costs • 39
Call records
  dialled • 39
  missed • 39
  received • 39
Call time • 39
Caller ID • 42
Calls
  answering • 35
  barring • 41
  holding • 36
  redialling • 34
  rejecting • 35
  waiting • 41
CB (Cell Broadcast) messages • 51
Characters, enter • 17
Compose, melody • 56
Conference call • 37
Connection tone • 44

D
Deleting
  call records • 38
  MMS • 49
  phonebook • 64
  SMS • 45, 46
Delivery reports, message • 50
Dialled calls • 39
Display
  layout • 10
  settings • 65
DTMF tones, send • 36

E
Emergency calls • 75
Extra tones 44

F
FDN (Fixed Dial Number) mode • 67
Folder tone • 44
Funbox • 52

G
Games • 55
Greeting message • 66

H
Holding, call • 36

I
Icons, description • 10
Images, downloaded • 55
Inbox, messages
  MMS • 48
  SMS • 45
International calls • 34
Internet • 52

K
Key tones
  sending • 36
  setting • 43
Keys, description • 9

L
Language, select • 66
Last number, redial • 34
Locking
  phone • 66
  SIM card • 67
Low battery indicator • 8

M
Melody composer • 56
Memory status
  downloaded items • 56
  messages • 52
  phonebook • 64
Message tone • 43
Messages

cell broadcast • 51
greeting • 66
MMS • 47
SMS • 45
voice • 51
web • 51
Minute minder • 44
Missed calls • 39
MMS messages
creating/sending • 47
deleting • 49
setting • 50
viewing • 48, 49
Multi-party calls • 37
Muting
key tones • 36
microphone • 36

N

Names
entering • 17
searching • 62
Network selection • 41
Network services • 40
Number
dialling/searching • 34
storing • 63

O

Organiser • 58
Outbox, messages
MMS • 49
SMS • 46
Own number • 66

P

Password
call barring • 41
phone • 67
Phone
care and maintenance • 76
display • 10
icons • 10
locking • 66
resetting • 68
switching on/off • 8
unpacking • 6
Phonebook
copying • 62
deleting • 64
editing • 62
options • 62
speed-dialling • 64
PIN
changing • 66
locking • 66
PIN2, change • 67
Power on/off tone • 44
Privacy • 67

R

Received calls • 39
Recording
voice memos • 61
Redialling
automatically • 67
manually • 34
Resetting phone • 68
Ring
tone • 43
volume • 43
Road safety • 73

S

Safety
information • 71
precautions • 3
SDN (Service Dialling Numbers) • 64
Security, calls • 66
Sent messages
MMS • 48, 49
SMS • 46
SIM card
inserting • 7
locking • 67
SMS messages
creating/sending • 45
viewing • 45, 46
Sound settings • 43
Sounds, downloaded • 55
Speed-dial • 64
Switching on/off
microphone • 36
phone • 8

T

Templates
MMS • 49
SMS • 46
Text input mode, change • 17
Text, enter • 17
Tone
call ringer • 43
connect • 44
extra • 44
keypad • 43
message • 43
power on/off • 44

V

Voice mail • 51
Voice memos
recording • 61

Voicemail server • 51

W

Waiting call • 41
WAP browser
    access • 52
    bookmarks • 53
    cache, clear • 54
World time • 58